ENCLOSURE 3





U.S. Department of Energy Office of Civilian Radioactive Waste Management

EXHIBITS FOR ILLUSTRATION

Presented to:

Nuclear Regulatory Commission

Presented by:

W. John Arthur, III

Deputy Director, Office of Repository Development

U.S. Department of Energy

April 30, 2003 Las Vecas, NV

Summary Balanced Scorecard

Level 0	Level 1			Level 2	 · ·
	Quality Assurance	QA Programs Health Index	DRsCARsClosure - Effectiveness	QA % Complete Models, Data Sets Codes	
	Safety Culture	Safety Conscious Work Environment Index	SelfIdentification of Issues	Procedural Compliance	
Management	Management Performance	Commitment Management Index	MII Effectiveness Index	Employees Concern	_
	Accountability and Responsibility	Line Accountabilit CARsDRsClosure	Procedure Compliance		
	Stakeholder Relations	Annual Survey of PI Programs	Grant Implementation		
	Resource Management	Critical Skills Recruitment	Critical Skills Retention		
	Industrial Safety	Loss Time Injury/illness Rate Case	Safety and Health TCost Index		
Operational	¿Project Management	License Application	Budget Performance	Site Operation	
Performance	Environmental Protection	State Permit Performance	Environmental Program Efficienc		
	Training	% Employees Meeting Requirements	Training Effectiveness Index		

Major Issues - Proposed Solutions

- FY03 Appropriation of \$457M (requested \$591M)
 - Revised Planning Guidance Issued to BSC
 - Critical Scrub of License Application (LA) /Program Workscope
 - Complete Decision on 4/15/03
- Convergence on Design Solution for LA
 - Convergence on Design is planned for June 2003
 - Mechanical Handling Design subcontract procurement in process
- Site Safety
 - Stand down at site due to electrical concerns
- Procedural Implementation Non-Compliance
 - Will conduct stand down to emphasize proper adherence to procedures planned for mid April

Wajor Accomplishments

- Program's vision statement issued.
- Department of Energy baselined Functional and Operation Requirements and Technical Solutions
- LSN Baseline Change Proposal (BCP) in process
- Initiated Payment Equal To Taxes negotiations
- Agreement with Nuclear Regulatory Commission (NRC) on next six months of critical interactions

90 Day Look Ahead

- Program replanning by mid April
- Undersecretary visit April 18th
- Congressional visit April 28th
- NRC meeting April 29th/30th
- Award design subcontract by April
- Corporate Review Budget including Capital Asset Plan for FY 2005 due to CFO in June
- Complete Decision Schedule by July



Criteria for Management Assessment

	WHITE				
	No Activity				
	CRIEDLE STATE OF THE STATE OF T				
	Low Risk				
Technical_	Understand NRC or customer expectations, quality of work and products meets requirements.				
Schedule	On Track				
Cost	On Track				
	YELLOW				
	Moderate Risk				
Technical	(Not clear on NRC or customer expectations, moderate risk that workscope matches expectation, including manageable problems in product development and quality that can be fixed).				
·					
Schedule	Variance, work-around exist				
Cont					
Cost	Variance, work-around exist				
	RED High Risk				
m 1	(Do not know NRC or customer expectations (or disagree), scope does not match expectations, major problems in product				
Technical	development and quality that need senior management attention). May or may not be fixable.				
Schedule	Significant variance, management attention needed				
Cost	Significant variance, management attention needed				

Management Initiatives



Issue: Phase 3 of the Program Manual has not been revised to strengthen the roles and responsibilities for contract administration and oversight.

Corrective Action: Phase 3 is in the final stages of preparation for issuance.



Issue: Procedure transition has not been managed consistent with governing requirements (e.g., AP-5.1Q).

Corrective Action: DOE/BSC Senior Management has agreed on a path forward to retain the existing procedure structure, streamline AP-5.1Q, and strengthen line ownership of procedures. Implementation plan is due to the PORB on 04/09/03.



Issue: A mature Safety Conscious Work Environment is not in place for the organization.

Corrective Action: Continue to educate the workforce and reinforce through management behaviors and actions. Strongly implement an effective corrective action program.



Quality Assurance

Issue: Applicable requirements traceable to regulatory drivers have not been identified.

Corrective Action: QARD Revision 13 is complete.

QARD Revision 14 is pending. Open pending completion of Phase 3 of Program Manual.



Issue: A single Corrective Action Program consistent with nuclear industry practices including tracking, trending, reporting, and closure verification has not been implemented.

Corrective Action: Corrective Action Program process revisions underway. Weekly management monitoring occurring. Open until effective implementation verified.



DR/CAR Open Item Summary Report

[2/18/03	2/25/03	3/4/03	3/11/03	3/18/03	3/25/03
Total Number Open	86	82	84	84	80	84
Open > 100 days	30	30	30	32	30	32
Open > 200 days	15	15	16	14	14	13
Open > 1 year	4	4	4	4	4	4
Number with Late actions	28	14	29	22	9	12
Numbe late > 30 days	6	1	2	3	2	Ō
By Manager						
Christopher Kouts						
Total open	3	3	3	3	3	3
Open > 100 days	3	3	3	3	3	3
Open > 200 days	1	1	1	1	1	1
Open > 1 year	1	1	1	1		1
Number with Late actions	3		1	2		1
Number late > 30 days	1		·			<u>-</u>
Denny Brown						
Total open	6	6	6	- 11	10	11
Open > 100 days					,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
Open > 200 days						
Open > 1 year						
Number with Late actions				2		
Number late > 30 days						
.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,						
Joe Ziegier						
Total open	28	24	22	22	21	24
Open > 100 days	10	11	9	10	9	9
Open > 200 days	6	6	6	6	5	4
Open > 1 year	2		2	2	2	2
Number with Late actions	11	2	8.	5	6	5
Number late > 30 days	2		1	. 1	1	<u>_</u>
John Arthur				•		
Total open						1
Open > 100 days						
Open > 200 days						
Open > 1 year						
Number with Late actions						
Number late > 30 days						
Mark Van Dat Bur						
Mark Van Der Puy Total open	19	19	20	14	13	14
Open > 100 days	9	9	9	10	9	10
Open > 200 days	4	5	5	10	5	5
Open > 1 year	1	1	1	1	1	1
Number with Late actions	6	8	11	5		2
Number late > 30 days	1			1		
Suzy Mellington						
Total open	17	16	18	17	16	18
Open > 100 days	7	6	7	7	7	7
Open > 200 days Open > 1 year	4	3	4	3	3	3
Number with Late actions	6	5	7	6	2	4
Number late > 30 days	2		1	1	1	
individue of days				•		
						
Vic Trebules						
Total open	9	9	11	12	12	11
Open > 100 days	1	1	2	2	2	3
Open > 200 days						
Open > 1 year						
Number with Late actions	2	1	2	1		
Number late > 30 days						DE SAN

QUALITY ASSURANCE PROGRAM

1. Organization	2. QA Program: Plan, Reviews, and Assess.	2 QA Program: Training	3. Design Control	4. Procurement Document Control
5 Implementing Documents	6. Document Control	7. Purchased Items and Services	8. Identification and Control of Items	9. Control of Special Processes
10. Inspection	11. Test Control	12: Measuring and Test Equipment	13. Handling, Storage, and Shipping	14. Inspection, Test, and Op. Status
15. NCRs	Confective Action	17. Quality. Assurance. Records	18: Audits	a la Soliyare.
II. Sample Control	III: Scientific Investigations Data	III Scientific Investigations Prodels	IV. Field Surveying	V. Electronic Data Management

PRELIMINARY DRAFT YUCCA MOUNTAIN DECISION SCHEDULE

	FY 2003	FY 2004	FY 2005
NRC	Detail	f Design ination for mittal Complete	NRC Receives LA Submittal & LSN Recertif. 12/04
Yucca Mountain Repository	OLAS/ Determine Plan for OGC 508 Content Relevance Guidance for LSN of DOE vs. OGC 4/03 Relevancy 7/03	Description integrated Compl. DOG Review of Review Acc Of Draft LA Certification 8/04 LA 9/04 LA	ew of to NRC
Licensing	Guidance 3/03 Determine Receive Complete Content and Model &Validate Begin Abstracts AMRs	Provide Performance Data 5/04 Complete Input Confirmation for Rep. Plan 12/03 Qualify LA 6/04 SA 9/03	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
TSPA and Modeling	Program 5/03	Provide Input for Consequence A Analysis 5/04 PSA LA	Addressed
Preclosure Safety	Preliminary PSA 9/03 Freeze Complete Design Start Interim LA Remnts and Preliminary Design Preliminary Design	9/03 Hazards Analysis 5/04 Provide Input for Rep. SA Design Complete Products LA Design	Freeze Design Detailed for CD-1/CD-2 Design
Engineering/Design	Design 10/02 Review 2/03 Conditions 6/03	9/03 for LA 3/04 5/04	Estimate 12/04 9/05